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PN - JP4220317 A 19920811  
 PD - 1992-08-11  
 PR - JP19900413399 19901220  
 OPD - 1990-12-20  
 TI - MANUFACTURE OF INTERIOR-FINISH MATERIAL BASE MATERIAL  
 IN - FUKUSHIMA SHIGEYOSHI; MIMURA SHIGETOSHI  
 PA - TOYO TIRE & RUBBER CO  
 IC - B29C43/20 ; B29C43/52 ; B29K67/00 ; B29K75/00 ; B29K105/04 ; B29K105/08 ; B29L9/00 ;  
 B29L31/44 ; B29L31/58 ; B32B5/28 ; B32B27/04

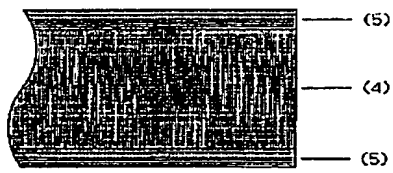
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TI - Interior lightweight baseboard prepn. - by impregnating laminated sheets with urethane]-modified unsatd. polyester resin, ageing and hot press forming, etc.  
 PR - JP19900413399 19901220  
 PN - JP4220317 A 19920811 DW 199238 B29C43/20 004pp  
 PA - (TOYF ) TOYO RUBBER IND CO LTD  
 IC - B29C43/20 ;B29C43/52 ;B29K67/00 ;B32B5/28 ;B32B27/04  
 AB - J04220317 Board is prepd. by laminating glass filaments prepd. by cutting bundled glass filaments to a predetermined length and scattering at random on both surfaces of a bulky unwoven cloth or a porous sheet such as soft or semi-soft urethane foam; impregnating the laminated sheets with urethane-modified unsatd. polyester resin; ageing the resin under mild conditions to increase the viscosity until the surface tackiness has disappeared; and hot press forming the laminated sheets to integrate them into a base board.  
 - The bulky unwoven cloth is, e.g., of polyester fibre, nylon fibrer or coconut shell fibre bonded together with vinylidene resin binder, styrene/butadiene/acrylic resin binder and has an apparent density of 200-700 g/m2.  
 - USE/ADVANTAGE - The base board is relatively lightweight and has high rigidity, heat resistance, wet heat resistance and very high dimensional stability. It is used as preformed ceiling, door trims, trunk trims, pillar garnish, etc. of motorcar(Dwg. 0/2)  
 OPD - 1990-12-20  
 AN - 1992-313253 [38]

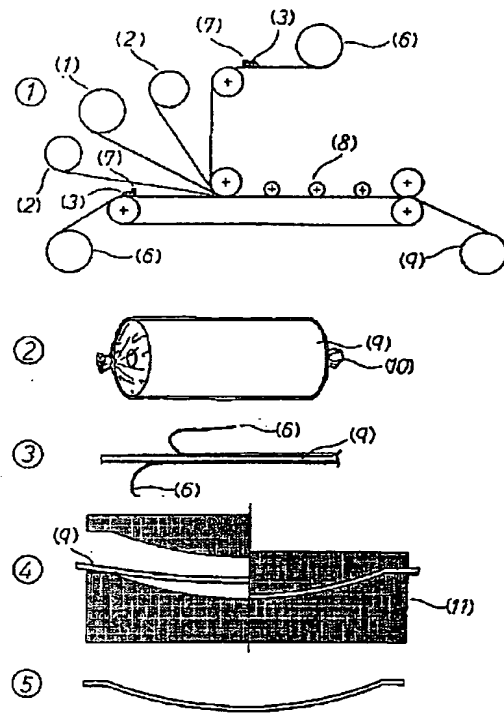
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 PD - 1992-08-11  
 AP - JP19900413399 19901220  
 IN - FUKUSHIMA SHIGEYOSHI; others: 01  
 PA - TOYO TIRE & RUBBER CO LTD  
 TI - MANUFACTURE OF INTERIOR-FINISH MATERIAL BASE MATERIAL  
 AB - PURPOSE:To provide a light-weight interior-finish material base material having the large degree of freedom of strength and a design and a small dimensional change by excellent workability.  
 - CONSTITUTION:Surface mats made of glass fibers are laminated on both surfaces of a bulky nonwoven fabric, and an article, in which the laminate is impregnated with an urethane modified unsaturated polyester resin and the resin is thickened under gentle conditions and matured until the tackiness of a surface is removed, is hot-press molded, and cured and integrated, thus acquiring an interior-finish material base material.  
 SI - B29K67/00 ;B29K75/00 ;B29K105/04 ;B29K105/08 ;B29L9/00 ;B29L31/44 ;B29L31/58  
 I - B29C43/20 ;B29C43/52 ;B32B5/28 ;B32B27/04

【図1】



【図2】



フロントページの続き

(51) Int. Cl.<sup>5</sup>

B 2 9 K 75:00

105:04

105:08

B 2 9 L 9:00

31:44

31:58

識別記号

庁内整理番号

F I

技術表示箇所

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